JUL 17 [illegible]

Y3.T25:2N88/4

COMPLETED

26

TENNESSEE VALLEY AUTHORITY

ORIGINAL

PHIPPS BEND NUCLEAR PLANT

SOCIOECONOMIC MONITORING AND MITIGATION REPORT

PBNP - SMR-2

DECEMBER 1978

Knoxville, Tennessee

March 1979

CONTENTS

Page

Background v

I. Monitoring Results 1

II. Mitigation Actions as of March 1, 1979 4

Summary of TVA Mitigation Proposals and Expenditures 6

Appendix

Table A-1. Town of Current Residence 7
Table A-2. Source and Location of Construction Employees 8
Table A-3. Distribution of Movers and Associated Population by County and Community 9
Table A-4. Comparison of Survey Results with Projections for Selected Parameters 10
Table A-5. Mover Summary 11
Table A-6. Hawkins - Employees Living Within the County Total . . 12
Table A-7. Sullivan - Employees Living Within the County Total . . 13
Table A-8. Church Hill - Employees Living Within the City Limits . 14
Table A-9. Kingsport - Employees Living Within the City Limits . . 15
Table A-10. Mount Carmel - Employees Living Within the City Limits 16
Table A-11. Rogersville - Employees Living Within the City Limits 17
Table A-12. Surgoinsville - Employees Living Within the City Limits 18
Table A-13. Hawkins County - Impact Students 19

EXHIBITS

Figure 1 - Towns Containing Construction Employees 20

I

BACKGROUND

As stated in the licensing agreement and environmental statement for the two-unit Phipps Bend Nuclear Plant located in Hawkins County, Tennessee, TVA will take certain monitoring and mitigation actions to reduce the socioeconomic impact in the area expected to accommodate the inmoving construction employees. The impact area is defined generally as Hawkins and Sullivan Counties and, more specifically, as a corridor along U.S. Highway 11W from Rogersville to the Sullivan County line and the city of Kingsport. The analysis of impacts due to movers is for that area.

Construction was begun October 26, 1977; and this is the second in a series of semiannual reports which will be completed during construction of the Phipps Bend project.

In 1975 TVA designated a full-time coordinator for the Phipps Bend project. This person lives and works in the Phipps Bend area for maximum accessibility to local officials and citizens and to give TVA timely information about community needs. Since the expected number of movers into the impact area is small (750 at peak employment) compared with the existing population in the impact area, the coordinator will monitor impacts and if necessary make minor adjustments to the ongoing mitigation program; or, if the coordinator becomes aware that existing facilities are not sufficient to accommodate inmovers to the impact area, TVA will respond with other appropriate mitigation efforts. This report contains a brief account of the mitigation actions taken and mitigation expenditures ($332,000) up to March 1, 1979.

The second survey of construction employees was conducted as of November 30, 1978. The following gives the results of that survey.

PHIPPS BEND NUCLEAR PLANT

SOCIOECONOMIC MONITORING AND MITIGATION REPORT

I. Monitoring Results

A survey of all TVA employees at Phipps Bend Nuclear Plant as of November 30, 1978, was conducted during December 1978. The timelag between employment and survey enables employees who moved to make personal adjustments and should provide a better picture of employee distribution, family characteristics, and housing choice.

The employment level was 1,610; and a total of 1,232 employees, or about 77 percent of the employees, completed the survey form. Two hundred and four persons who responded said they were movers, and 154 of them located in the impact area (portions of Hawkins and Sullivan Counties).

Local workers (nonmovers) are commuting to the project from a widespread area, but 55 percent of the nonmovers are from the impact counties. Information on the distribution of both movers and residents is contained in tables A-1 and A-2 and figure 1. Additional information on the distribution, family characteristics, and housing choice of movers is contained in tables A-3 through A-12.

Table A-1, which shows the town of current residence of all employees, is basically a "mailing address" location rather than a jurisdictional location since all employees must provide a place name even though they may not live

within any municipal limits. Figure 1 is based on this table. However, table A-3 provides a movers' distribution which is based on city limits for the five impact communities. The data on movers have been extrapolated to the total 1,610 employees on a ratio basis.

At the county level and above, both the origin and location of all employees are contained in table A-2. The diagonal line of the "From - To" tabulation indicates resident employees (nonmovers). For example, resident employees from Hawkins County are found by locating Hawkins County in the "From" column and going across to the "To" column which also says Hawkins County. In this survey 278 residents of Hawkins County and 286 residents of Sullivan County were employed at the end of November. Movers are shown by all other data. Table A-2 shows 33 employees moved from "Other Recruiting Counties" to Hawkins County.

Selected parameters from the "Final Environmental Statement - Phipps Bend Nuclear Plant" (FES) were applied to the number of employees surveyed and compared to the projections in the FES. The results of this comparison are found in table A-4. Only a mover rate at peak employment was projected, so the survey rate is used. Table A-4 shows a comparison of location pattern, family characteristics, and housing choice. The surveyed population influx of 662 is close to the 641 that was projected. The average family size at this reporting period was 3.03--very close to the projected 3.0. The survey indicates fewer school-age children (119) than projected (187).

It was projected that all of the movers would locate within the impact area, which included portions of Hawkins and Sullivan Counties; but the survey found

75 percent locating there and 25 percent in other parts of those counties or other counties. All movers were allotted to the impact area because this would be preparing for a "worst case" situation and because those locating outside the impact area were expected to be so widely scattered that it would result in no impact. To date, this has been the case.

Housing choice projections and survey results differ considerably, but the housing projections were made for peak employment only. Houses were projected to be chosen by 30 percent, and mobile homes were projected to be chosen by 45 percent of the movers. In this survey, 52 percent chose houses and only 20 percent chose mobile homes. The projections and survey results are close for movers who chose apartments, sleeping rooms, and other accommodations. The projection for this group was 25 percent, and the survey result was 27 percent. The "Other" category includes campers, motor homes, and vans.

Detailed data on family status and characteristics of surveyed movers for the whole project are found in table A-5. The same information for the impact counties is found in tables A-6 and A-7, while tables A-8 through A-12 present the information on movers within the city limits of the impact communities.

An independent survey of school-age children who moved into the area as of December 8, 1978, was conducted by the Hawkins County School District. This covers all of the county except Rogersville, and their survey data is very close to the employee survey data. Therefore, a comparison of the two results can give some indication of data consistency. The Hawkins County survey identified 59 children of movers in their school system. On table A-3, the employee survey results showed 60 school-age children. However, this figure

must be adjusted for those school-age children in Rogersville for an adjusted total of 56. We feel that the close agreement between these two independent surveys adds a degree of credibility to remaining results. The detailed results of the school district's survey are found in table A-13 which shows the distribution by school and grade.

II. Mitigation Actions as of March 1, 1979

Education--To date two schoolbuses have been purchased, one each for the Hawkins County and Kingsport City school systems. The Hawkins County school system has begun construction on one new comprehensive high school with construction scheduled to begin on a second school this spring. A contract with the board of education has been signed which provides for TVA to reimburse the board on the basis of invoices submitted for actual work performed.

Water--TVA has proposed payments totaling $150,000 for improvements to water systems in the impact area. The interconnection of the Rogersville, Big Creek, and Surgoinsville water systems (to the west of the plant site) has been virtually completed at a cost of approximately $120,000. Hawkins County has obtained a $150,000 ARC grant for the interconnection of the Surgoinsville and Church Hill water systems (to the east of the plant site). A contract between TVA and Hawkins County has been prepared covering the $30,000 balance of the $150,000 TVA commitment as part of the ARC project.

Recreation--Plans are being completed for a county recreation program, and TVA plans to provide up to $300,000 for its development. The plan will include recreation improvements for the cities of Rogersville, Surgoinsville, Church Hill, and Mt. Carmel as well as for each of the rural schools in Hawkins

County. Each of the four cities is developing plans for its own recreation program and facilities improvement including matching money from Federal and local sources. To date, Rogersville is the only program under construction, having utilized $20,500 of TVA money with other funds to begin on a city park. At each of the rural schools, plans are being formulated through meetings with local PTA's, community clubs, and individuals who will utilize the improvements for both school and after-school community recreation programs. It is hoped that plans can be finalized in time for work on the facilities to begin in the spring of 1979 using labor from a local Young Adult Conservation Corp (YACC) camp.

Emergency Services--In accordance with plans developed through local emergency services units, central communications equipment, an ambulance, and other equipment have been purchased. One minipumper has been ordered. Work is scheduled to begin in the spring on an emergency operations center to house central communication equipment and to serve as a center for all emergency services activities.

Medical Services--Mitigation funds have been spent to upgrade the intensive care unit/coronary care unit, emergency room, recovery room, and doctors' office space at the Hawkins County Memorial Hospital. Plans are being implemented for additional hospital improvements, doctor recruitment, and development of satellite health care clinics.

Public Health--A public health environmentalist is now assisting the Hawkins County Department of Public Health on environmental health matters.

Law Enforcement--To date, a police car has been purchased by TVA for Surgoinsville; and the salary for a police officer for one year has been paid by TVA for Surgoinsville. TVA-local contracts have been prepared to pay for the salary of a Surgoinsville police officer for another year, to pay for the salary of a Hawkins County police officer for one year, and to buy Hawkins County one police car.

Solid Waste--The State of Tennessee has determined that land on the Phipps Bend site is unacceptable for a county landfill. A feasibility study of a county incinerator is being prepared as a first step toward determining if the county will proceed to build an incinerator.

SUMMARY OF TVA MITIGATION PROPOSALS AND EXPENDITURES

MARCH 1, 1979

Item	Amount Proposed	Amount Spent
Education	$3,500,000	$ 30,000
Water	150,000	120,000
Recreation	300,000	20,500
Emergency Services	250,000	90,000
Law Enforcement	150,000	18,000
Medical Services	150,000	49,500
Public Health	100,000	4,000
Solid Waste	1,400,000	—
Total	$6,000,000	$332,000

BEST DOCUMENT AVAILABLE

APPENDIX

TABLE A-1

FOLLOW UP SURVEY
TOWN OF CURRENT RESIDENCE
PHIPPS BEND NUCLEAR PLANT EMPLOYEES
ACTIVE EMPLOYEES 11-30-78

RUN DATE 02/23/79
RUN TIME 112602
REPORT 2

TOWN		MOVED TO TOWN	ALREADY IN TOWN	TOTAL	POPULATION
CHURCH HILL	TN	34	89	123	3,350
JONESBORO	TN	7	28	35	1,510
KINGSPORT	TN	48	204	252	32,200
MOUNT CARMEL	TN	12	12	24	2,841
ROGERSVILLE	TN	33	94	127	4,076
SURGOINSVILLE	TN	27	55	82	1,415
MORRISTOWN	TN	6	46	52	19,600
SUBTOTAL		167	528	695	
BLUFF CITY	TN	0	18	18	985
BRISTOL	TN	1	31	32	23,700
BULLS GAP	TN	3	10	13	774
DANDRIDGE	TN	0	6	6	1,280
ELIZABETHTON	TN	2	45	47	12,100
ERWIN	TN	0	15	15	4,715
GREENEVILLE	TN	2	13	15	13,100
JEFFERSON CITY	TN	0	7	7	5,292
JOHNSON CITY	TN	4	67	71	38,900
KNOXVILLE	TN	2	47	49	175,000
RUTLEDGE	TN	1	20	21	863
SEVIERVILLE	TN	0	7	7	3,201
SNEEDVILLE	TN	0	5	5	874
WAUTAUGA	TN	0	5	5	366
WHITE PINE	TN	0	6	6	1,532
BEAN STATION	TN	2	10	12	400
BLOUNTVILLE	TN	0	19	19	900
CHUCKEY	TN	0	5	5	300
FALL BRANCH	TN	1	5	6	850
HAMPTON	TN	0	17	17	1,000
MAYNARVILLE	TN	0	6	6	702
PINEY FLATS	TN	1	9	10	300
BRISTOL	VA	1	14	15	18,900
GATE CITY	VA	1	13	14	1,914
NICKELSVILLE	VA	0	6	6	388
SUBTOTAL		21	406	427	
OTHER		16	94	110	
TOTAL RESPONSES		204	1028	1232	
PBNP WORKFORCE TOTAL 11-30-78				1610Ø	

BEST DOCUMENT AVAILABLE

TABLE A-2

FOLLOW UP SURVEY
SOURCE AND LOCATION OF CONSTRUCTION EMPLOYEES — RUN DATE 02/23/79

PHIPPS BEND NUCLEAR PLANT — RUN TIME 112633

ACTIVE EMPLOYEES 11-30-78 — REPORT 4

FROM --- TO	--IMPACT COUNTIES--- HAWKINS	SULLIVAN	OTHER REC. COUNTIES	OTHER TENN. COUNTIES	OTHER VIRGINIA COUNTIES	OTHER (4)	TOTAL
HAWKINS (1)	278	5		1			284
SULLIVAN (1)	10	286	3				299
OTHER RECRUITING COUN (2)	32	10	490				532
OTHER TN. COUNTIES (3)	33	13	5	5			56
OTHER VA. COUNTIES (3)	1	3	1		1		6
ALABAMA	15	3	1				19
GEORGIA	1	1	1				3
KENTUCKY	1	1	1				3
MISSISSIPPI		1					1
N. CAROLINA	4					1	5
S. CAROLINA		1					1
OTHER STATES	9	9	4			1	23
TOTAL	384	333	506	6	1	2	1232

NOTE: DATA ON DIAGONAL INDICATES NONMOVERS, WITH THE EXCEPTION OF MOVES WITHIN A COUNTY
(1) RECRUITING COUNTY
(2) TENNESSEE COUNTIES: BLOUNT, CARTER, CLAIBORNE, COCKE, GRAINGER, GREENE, HAMBLEN, HANCOCK, JEFFERSON, JOHNSON, KNOX, SEVIER, UNICOI, UNION, WASHINGTON
VIRGINIA COUNTIES: LEE, RUSSELL, SCOTT, WASHINGTON, WISE
(3) ALL COUNTIES IN TENNESSEE AND VIRGINIA OTHER THAN RECRUITING COUNTIES
(4) "OTHER" INCLUDES NON-RESPONSES OR ERRONEOUS RESPONSES FOR CURRENT ADDRESS.

BEST DOCUMENT AVAILABLE

Table A-3

Phipps Bend Nuclear Plant
Distribution of Movers and Associated
Population by County and Community
November 30, 1978

County	Percent of Movers	Number[1] of Movers	Population Influx[1] School Age	Population Influx[1] Total
Hawkins	56	149	60	365
Sullivan	24	65	31	163
Other Counties	20	53	28	134
Total	100[2]	267	119	662
Community[3]				
Church Hill	6	16	4	34
Kingsport	17	46	19	109
Mount Carmel	5	13	5	39
Rogersville	6	16	4	34
Surgoinsville	7	20	4	43
Total	41	111	36	259

1. Numbers extrapolated.
2. Percentages may not add to 100 because of rounding.
3. Within municipal limits.

BEST DOCUMENT AVAILABLE

Table A-4

Comparison of Survey Results with
Projections for Selected Parameters
Employment Level - 1,610
Number of Movers - 267

	Projected		Surveyed[1]	
	Percent[2]	Number	Percent[2]	Number
Family Status and Characteristics:				
Movers with Families	70	187	73	195
Movers without Families	30	80	27	72
School-Age Children	--	187	--	119
School-Age Children per Family	--	1.0	--	0.6
Total Population	--	641	--	662
Housing Choice:				
Houses	30	80	52	140
Mobile Homes	45	120	20	54
Apartments, Sleeping Rooms, and Other	25	67	27	73
Mover Distribution:				
Sullivan County - Kingsport Area	35	94	24	63
Hawkins County				
Surgoinsville Area	20	53	13	35
Church Hill - Mount Carmel - Kingsport Area	25	67	22	60
Rogersville Area	20	53	16	43
Other Areas	0	0	25	66

1. Numbers extrapolated.
2. Percentages may not add to 100 because of rounding.

BEST DOCUMENT AVAILABLE

TABLE A-5
FOLLOW UP SURVEY
WORKERS WHO MOVED INTO PHIPPS BEND NUCLEAR PLANT AREA PAGE 010

RUN DATE 02/23/79
REPORT 1F
RUN TIME 112546

MOVER SUMMARY
ACTIVE EMPLOYEES 11-30-78

	MOVERS WITH FAMILY	WITH CHILDREN IN SCHOOL	TOTAL NUMBER OF CHILDREN	CHILDREN IN GRADE SCHOOL	CHILDREN IN HIGH SCHOOL	MOVERS WITHOUT FAMILY	TOTAL MOVERS
ANNUAL EMPLOYEES							
HOUSE OWNED	49	24	54	26	7	3	52
HOUSE RENTED	15	5	13	7	0	1	16
APARTMENT RENTED	14	2	6	3	0	13	27
MOBILE HOME RENTED	0	0	0	0	0	3	3
MOBILE HOME OWNED	9	2	5	3	0	4	13
SLEEPING ROOM	0	0	0	0	0	1	1
MOTEL							
OTHER	0	0	0	0	0	1	1
TOTAL	87	33	78	39	7	26	113
HOURLY EMPLOYEES							
HOUSE OWNED	22	11	31	13	6	0	22
HOUSE RENTED	15	6	24	10	6	2	17
APARTMENT RENTED	9	3	9	3	2	6	15
MOBILE HOME RENTED	2	0	2	0	0	9	11
MOBILE HOME OWNED	12	3	8	3	1	2	14
SLEEPING ROOM	1	0	0	0	0	3	4
MOTEL	0	0	0	0	0	3	3
OTHER	1	1	1	1	0	4	5
TOTAL	62	24	75	30	15	29	91
ALL EMPLOYEES							
HOUSE OWNED	71	35	85	39	13	3	74
HOUSE RENTED	30	11	37	17	6	3	33
APARTMENT RENTED	23	5	15	6	2	19	42
MOBILE HOME RENTED	2	0	2	0	0	12	14
MOBILE HOME OWNED	21	5	13	6	1	6	27
SLEEPING ROOM	1	0	0	0	0	4	5
MOTEL	0	0	0	0	0	3	3
OTHER	1	1	1	1	0	5	6
TOTAL	149	57	153	69	22	55	204

BEST DOCUMENT AVAILABLE

TABLE A-6
FOLLOW UP SURVEY
WORKERS WHO MOVED INTO PHIPPS BEND NUCLEAR PLANT AREA PAGE 006

HAWKINS
EMPLOYEES LIVING WITHIN THE COUNTY TOTAL
ACTIVE EMPLOYEES 11-30-78

RUN DATE 02/23/79
REPORT 18
RUN TIME 112546

	MOVERS WITH FAMILY	WITH CHILDREN IN SCHOOL	TOTAL NUMBER OF CHILDREN	CHILDREN IN GRADE SCHOOL	CHILDREN IN HIGH SCHOOL	MOVERS WITHOUT FAMILY	TOTAL MOVERS
ANNUAL EMPLOYEES							
HOUSE OWNED	31	13	28	16	1	2	33
HOUSE RENTED	8	3	7	3	0	1	9
APARTMENT RENTED	1	1	1	1	0	6	7
MOBILE HOME RENTED	0	0	0	0	0	3	3
MOBILE HOME OWNED	9	2	5	3	0	4	13
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	49	19	41	23	1	16	65
HOURLY EMPLOYEES							
HOUSE OWNED	11	5	14	8	1	0	11
HOUSE RENTED	9	4	19	5	4	0	9
APARTMENT RENTED	5	1	4	1	0	1	6
MOBILE HOME RENTED	1	0	1	0	0	9	10
MOBILE HOME OWNED	7	2	3	1	1	1	8
SLEEPING ROOM							
MOTEL	0	0	0	0	0	3	3
OTHER	1	1	1	1	0	1	2
TOTAL	34	13	42	16	6	15	49
ALL EMPLOYEES							
HOUSE OWNED	42	18	42	24	2	2	44
HOUSE RENTED	17	7	26	8	4	1	18
APARTMENT RENTED	6	2	5	2	0	7	13
MOBILE HOME RENTED	1	0	1	0	0	12	13
MOBILE HOME OWNED	16	4	8	4	1	5	21
SLEEPING ROOM							
MOTEL	0	0	0	0	0	3	3
OTHER	1	1	1	1	0	1	2
TOTAL	83	32	83	39	7	31	114

BEST DOCUMENT AVAILABLE

TABLE A-7
FOLLOW UP SURVEY
WORKERS WHO MOVED INTO PHIPPS BEND NUCLEAR PLANT AREA PAGE 007

SULLIVAN
EMPLOYEES LIVING WITHIN THE COUNTY TOTAL
ACTIVE EMPLOYEES 11-30-78

RUN DATE 02/23/79
REPORT 1E
RUN TIME 112546

	MOVERS WITH FAMILY	WITH CHILDREN IN SCHOOL	TOTAL NUMBER OF CHILDREN	CHILDREN IN GRADE SCHOOL	CHILDREN IN HIGH SCHOOL	MOVERS WITHOUT FAMILY	TOTAL MOVERS
ANNUAL EMPLOYEES							
HOUSE OWNED	10	5	14	4	4	0	10
HOUSE RENTED	3	1	4	2	0	0	3
APARTMENT RENTED	12	1	5	2	0	6	18
MOBILE HOME RENTED							
MOBILE HOME OWNED							
SLEEPING ROOM	0	0	0	0	0	1	1
MOTEL							
OTHER							
TOTAL	25	7	23	8	4	7	32
HOURLY EMPLOYEES							
HOUSE OWNED	5	4	10	4	4	0	5
HOUSE RENTED	1	0	0	0	0	0	1
APARTMENT RENTED	3	2	5	2	2	2	5
MOBILE HOME RENTED	1	0	1	0	0	0	1
MOBILE HOME OWNED	1	0	0	0	0	1	2
SLEEPING ROOM	0	0	0	0	0	3	3
MOTEL							
OTHER	0	0	0	0	0	1	1
TOTAL	11	6	16	6	6	7	18
ALL EMPLOYEES							
HOUSE OWNED	15	9	24	8	8	0	15
HOUSE RENTED	4	1	4	2	0	0	4
APARTMENT RENTED	15	3	10	4	2	8	23
MOBILE HOME RENTED	1	0	1	0	0	0	1
MOBILE HOME OWNED	1	0	0	0	0	1	2
SLEEPING ROOM	0	0	0	0	0	4	4
MOTEL							
OTHER	0	0	0	0	0	1	1
TOTAL	36	13	39	14	10	14	50

BEST DOCUMENT AVAILABLE

TABLE A-8
FOLLOW UP SURVEY
WORKERS WHO MOVED INTO PHIPPS BEND NUCLEAR PLANT AREA PAGE 001

CHURCH HILL
EMPLOYEES LIVING WITHIN THE CITY LIMITS
ACTIVE EMPLOYEES 11-30-78

RUN DATE 02/23/79
REPORT 1A
RUN TIME 112546

	MOVERS WITH FAMILY	WITH CHILDREN IN SCHOOL	TOTAL NUMBER OF CHILDREN	CHILDREN IN GRADE SCHOOL	CHILDREN IN HIGH SCHOOL	MOVERS WITHOUT FAMILY	TOTAL MOVERS
ANNUAL EMPLOYEES							
HOUSE OWNED	5	3	3	2	1	1	6
HOUSE RENTED							
APARTMENT RENTED							
MOBILE HOME RENTED							
MOBILE HOME OWNED	1	0	0	0	0	0	1
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	6	3	3	2	1	1	7
HOURLY EMPLOYEES							
HOUSE OWNED							
HOUSE RENTED							
APARTMENT RENTED	2	0	1	0	0	0	2
MOBILE HOME RENTED	0	0	0	0	0	1	1
MOBILE HOME OWNED	2	0	0	0	0	0	2
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	4	0	1	0	0	1	5
ALL EMPLOYEES							
HOUSE OWNED	5	3	3	2	1	1	6
HOUSE RENTED							
APARTMENT RENTED	2	0	1	0	0	0	2
MOBILE HOME RENTED	0	0	0	0	0	1	1
MOBILE HOME OWNED	3	0	0	0	0	0	3
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	10	3	4	2	1	2	12

BEST DOCUMENT AVAILABLE

TABLE A-9
FOLLOW UP SURVEY
WORKERS WHO MOVED INTO PHIPPS BEND NUCLEAR PLANT AREA PAGE 002

KINGSPORT
EMPLOYEES LIVING WITHIN THE CITY LIMITS
ACTIVE EMPLOYEES 11-30-78

RUN DATE 02/23/79
REPORT 1A
RUN TIME 112546

	MOVERS WITH FAMILY	WITH CHILDREN IN SCHOOL	TOTAL NUMBER OF CHILDREN	CHILDREN IN GRADE SCHOOL	CHILDREN IN HIGH SCHOOL	MOVERS WITHOUT FAMILY	TOTAL MOVERS
ANNUAL EMPLOYEES							
HOUSE OWNED	6	2	7	1	3	0	6
HOUSE RENTED	2	0	2	0	0	0	2
APARTMENT RENTED	11	1	5	2	0	5	16
MOBILE HOME RENTED							
MOBILE HOME OWNED							
SLEEPING ROOM	0	0	0	0	0	1	1
MOTEL							
OTHER							
TOTAL	19	3	14	3	3	6	25
HOURLY EMPLOYEES							
HOUSE OWNED	2	2	6	2	3	0	2
HOUSE RENTED							
APARTMENT RENTED	2	2	5	2	2	2	4
MOBILE HOME RENTED							
MOBILE HOME OWNED							
SLEEPING ROOM	0	0	0	0	0	3	3
MOTEL							
OTHER	0	0	0	0	0	1	1
TOTAL	4	4	11	4	5	6	10
ALL EMPLOYEES							
HOUSE OWNED	8	4	13	3	6	0	8
HOUSE RENTED	2	0	2	0	0	0	2
APARTMENT RENTED	13	3	10	4	2	7	20
MOBILE HOME RENTED							
MOBILE HOME OWNED							
SLEEPING ROOM	0	0	0	0	0	4	4
MOTEL							
OTHER	0	0	0	0	0	1	1
TOTAL	23	7	25	7	8	12	35

BEST DOCUMENT AVAILABLE

TABLE A-10
FOLLOW UP SURVEY
WORKERS WHO MOVED INTO PHIPPS BEND NUCLEAR PLANT AREA PAGE 003

MOUNT CARMEL
EMPLOYEES LIVING WITHIN THE CITY LIMITS
ACTIVE EMPLOYEES 11-30-78

RUN DATE 02/23/79
REPORT 1A
RUN TIME 112546

	MOVERS WITH FAMILY	WITH CHILDREN IN SCHOOL	TOTAL NUMBER OF CHILDREN	CHILDREN IN GRADE SCHOOL	CHILDREN IN HIGH SCHOOL	MOVERS WIT OUT FAMILY	TOTAL MOVERS
ANNUAL EMPLOYEES							
HOUSE OWNED	7	2	7	2	0	0	7
HOUSE RENTED							
APARTMENT RENTED							
MOBILE HOME RENTED							
MOBILE HOME OWNED	0	0	0	0	0	1	1
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	7	2	7	2	0	1	8
HOURLY EMPLOYEES							
HOUSE OWNED	2	1	4	2	0	0	2
HOUSE RENTED							
APARTMENT RENTED							
MOBILE HOME RENTED							
MOBILE HOME OWNED							
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	2	1	4	2	0	0	2
ALL EMPLOYEES							
HOUSE OWNED	9	3	11	4	0	0	9
HOUSE RENTED							
APARTMENT RENTED							
MOBILE HOME RENTED							
MOBILE HOME OWNED	0	0	0	0	0	1	1
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	9	3	11	4	0	1	10

BEST DOCUMENT AVAILABLE

TABLE A-11
FOLLOW UP SURVEY
WORKERS WHO MOVED INTO PHIPPS BEND NUCLEAR PLANT AREA PAGE 004

ROGERSVILLE
EMPLOYEES LIVING WITHIN THE CITY LIMITS
ACTIVE EMPLOYEES 11-30-79

RUN DATE 02/23/79
REPORT 1A
RUN TIME 112546

	MOVERS WITH FAMILY	WITH CHILDREN IN SCHOOL	TOTAL NUMBER OF CHILDREN	CHILDREN IN GRADE SCHOOL	CHILDREN IN HIGH SCHOOL	MOVERS WITHOUT FAMILY	TOTAL MOVERS
ANNUAL EMPLOYEES							
HOUSE OWNED	2	1	2	1	0	0	2
HOUSE RENTED							
APARTMENT RENTED	1	1	1	1	0	0	1
MOBILE HOME RENTED							
MOBILE HOME OWNED							
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	3	2	3	2	0	0	3
HOURLY EMPLOYEES							
HOUSE OWNED							
HOUSE RENTED	2	0	1	0	0	0	2
APARTMENT RENTED	2	1	3	1	0	1	3
MOBILE HOME RENTED	0	0	0	0	0	2	2
MOBILE HOME OWNED							
SLEEPING ROOM							
MOTEL	0	0	0	0	0	2	2
OTHER							
TOTAL	4	1	4	1	0	5	9
ALL EMPLOYEES							
HOUSE OWNED	2	1	2	1	0	0	2
HOUSE RENTED	2	0	1	0	0	0	2
APARTMENT RENTED	3	2	4	2	0	1	4
MOBILE HOME RENTED	0	0	0	0	0	2	2
MOBILE HOME OWNED							
SLEEPING ROOM							
MOTEL	0	0	0	0	0	2	2
OTHER							
TOTAL	7	3	7	3	0	5	12

BEST DOCUMENT AVAILABLE

TABLE A-12
FOLLOW UP SURVEY
WORKERS WHO MOVED INTO PHIPPS BEND NUCLEAR PLANT AREA PAGE 005

SURGOINSVILLE
EMPLOYEES LIVING WITHIN THE CITY LIMITS
ACTIVE EMPLOYEES 11-30-78

RUN DATE 02/23/79
REPORT 1A
RUN TIME 112546

	MOVERS WITH FAMILY	WITH CHILDREN IN SCHOOL	TOTAL NUMBER OF CHILDREN	CHILDREN IN GRADE SCHOOL	CHILDREN IN HIGH SCHOOL	MOVERS WITHOUT FAMILY	TOTAL MOVERS
ANNUAL EMPLOYEES							
HOUSE OWNED							
HOUSE RENTED	1	1	2	1	0	0	1
APARTMENT RENTED	0	0	0	0	0	4	4
MOBILE HOME RENTED							
MOBILE HOME OWNED	0	0	0	0	0	1	1
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	1	1	2	1	0	5	6
HOURLY EMPLOYEES							
HOUSE OWNED	1	0	0	0	0	0	1
HOUSE RENTED	3	1	6	1	0	0	3
APARTMENT RENTED							
MOBILE HOME RENTED	1	0	1	0	0	2	3
MOBILE HOME OWNED	2	1	2	1	0	0	2
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	7	2	9	2	0	2	9
ALL EMPLOYEES							
HOUSE OWNED	1	0	0	0	0	0	1
HOUSE RENTED	4	2	8	2	0	0	4
APARTMENT RENTED	0	0	0	0	0	4	4
MOBILE HOME RENTED	1	0	1	0	0	2	3
MOBILE HOME OWNED	2	1	2	1	0	1	3
SLEEPING ROOM							
MOTEL							
OTHER							
TOTAL	8	3	11	3	0	7	15

BEST DOCUMENT AVAILABLE

Table A-13

IMPACT STUDENTS
BY ACTUAL COUNT BY HAWKINS COUNTY
AS OF DECEMBER 8, 1978

School	Grades K	1	2	3	4	5	6	7	8	9	10	11	12	Total
Bulls Gap														
Carters Valley		1	1	1		1	2	2						8
Church Hill Elem			1		2	1								4
Church Hill High									1	1	1		1	4
Clinch														
Dodson Creek														
Hawkins County Enrichment Center	3													3
Hawkins Elem.	1	3			1	1	1	1						8
Keplar														
Lakeview		1												1
McPheeters Bend														
Mooresburg														
Mt. Carmel	3		4	3										10
Rock Hill														
Rogersville High														
St. Clair														
Surgoinsville Elem.	3	5	2	2	1	2								15
Surgoinsville High	_	_	_	_	_	_	_	1	_	3	1	1	_	6
Total	10	10	8	6	4	5	3	4	1	4	2	1	1	59

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAILABLE

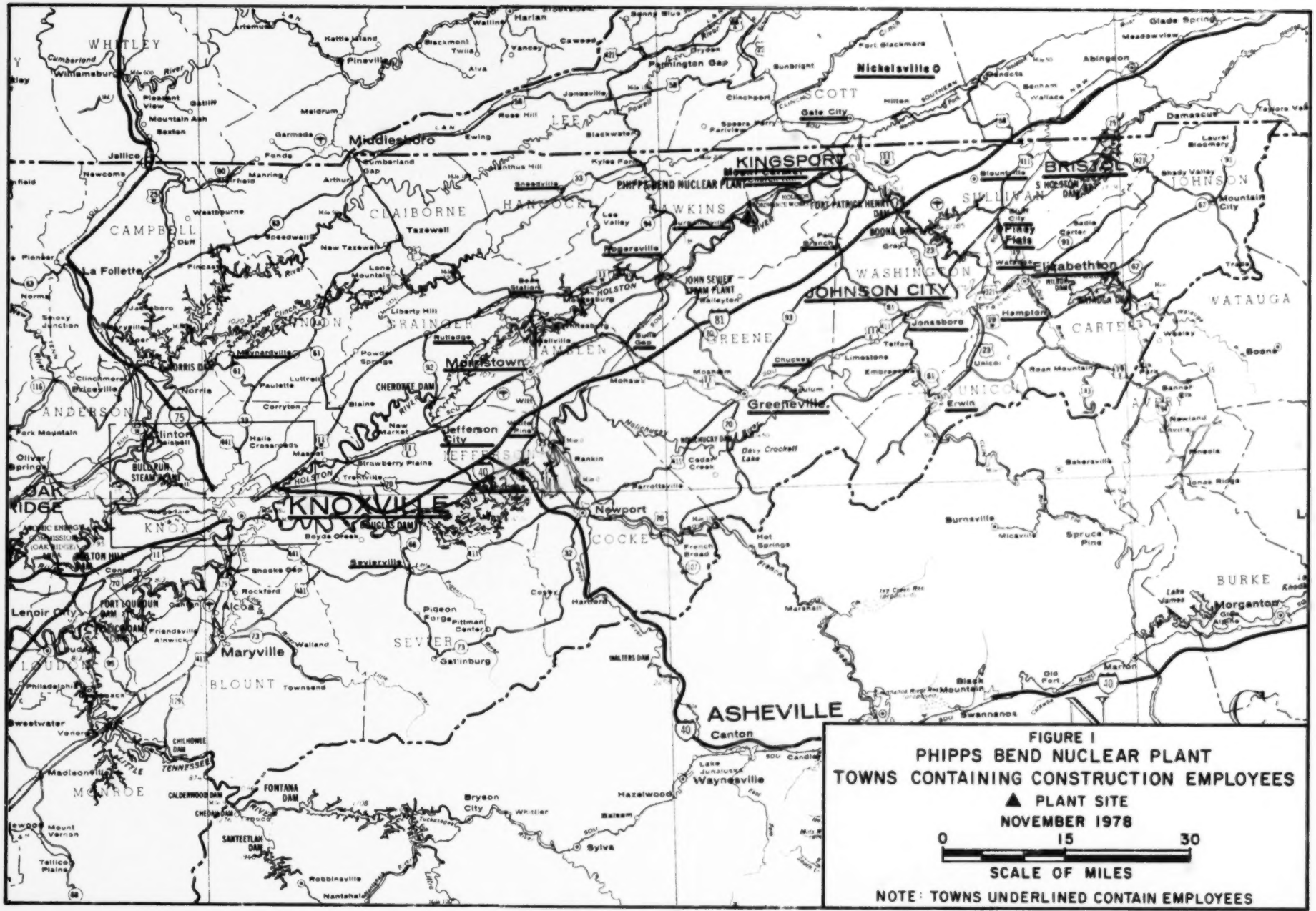

FIGURE I
PHIPPS BEND NUCLEAR PLANT
TOWNS CONTAINING CONSTRUCTION EMPLOYEES
▲ PLANT SITE
NOVEMBER 1978

0 15 30
SCALE OF MILES

NOTE: TOWNS UNDERLINED CONTAIN EMPLOYEES